

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-----------------|------------------|---------|------------------|
| L1 | 0 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) and ((one! single! sole! solitary!) near1 atom!).clm. | US-PGPUB | OR | ON | 2005/11/11 16:31 |
| L2 | 1034 | ((one! single! sole! solitary!) near1 atom!).clm. | US-PGPUB | OR | ON | 2005/11/11 16:30 |
| L3 | 0 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) and (((one! single! sole! solitary!) near1 atom!)).clm. | US-PGPUB | OR | ON | 2005/11/11 16:31 |
| L4 | 0 | 2 and ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) | US-PGPUB | OR | ON | 2005/11/11 16:32 |
| L5 | 73 | 2 and (electromagnetic\$6 or "electro-magnetic"\$6) | US-PGPUB | OR | ON | 2005/11/11 16:34 |
| L6 | 17 | 2 and (electromagnetic\$6 or "electro-magnetic"\$6).clm. | US-PGPUB | OR | ON | 2005/11/11 16:34 |
| L7 | 0 | 2 and (EIT).clm. | US-PGPUB | OR | ON | 2005/11/11 16:34 |
| S1 | 1 | "20040175087" | US-PGPUB; USPAT | OR | ON | 2005/07/20 18:50 |
| S2 | 11 | (electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6 and photonic\$6 with crystal\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/20 11:58 |
| S3 | 8 | EIT with induc\$6 with transparen\$6 and photonic\$6 with crystal\$6 | US-PGPUB; USPAT | OR | ON | 2005/03/16 22:58 |
| S4 | 8 | EIT and photonic\$6 with crystal\$6 | US-PGPUB; USPAT | OR | ON | 2005/03/17 00:13 |
| S5 | 11 | S2 or S4 | US-PGPUB; USPAT | OR | ON | 2005/03/16 22:43 |
| S6 | 0 | CuCl same photonic\$6 with crystal\$6 | US-PGPUB; USPAT | OR | ON | 2005/03/16 23:10 |
| S7 | 35 | microcavit\$6 with "quantum well" | US-PGPUB; USPAT | OR | ON | 2005/03/17 00:37 |
| S8 | 15 | (electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6 and ((quantum\$6 with well\$6) or MQW) | US-PGPUB; USPAT | OR | ON | 2005/03/16 23:18 |

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| S9 | 6 | (electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6 same ((quantum\$6 with well\$6) or MQW) | US-PGPUB; USPAT | OR | ON | 2005/03/16 23:15 |
| S10 | 6822 | ((electromagnetic\$6 or "electro-magnetic"\$6) or EIT) with (\$6linear or \$6linearities or \$6linearity) | US-PGPUB; USPAT | OR | ON | 2005/07/20 21:41 |
| S11 | 21 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT) with (\$6linear or \$6linearities or \$6linearity) | US-PGPUB; USPAT | OR | ON | 2005/03/17 00:38 |
| S12 | 365 | quantum\$6 with ("electro-optic"\$6 or electrooptic\$6) | US-PGPUB; USPAT | OR | ON | 2005/03/16 23:33 |
| S13 | 8 | quantum\$6 with ("electro-optic"\$6 or electrooptic\$6) and (photonic\$6 with crystal\$6) | US-PGPUB; USPAT | OR | ON | 2005/03/16 23:38 |
| S14 | 341 | semiconductor with (photonic\$6 with crystal\$6) | US-PGPUB; USPAT | OR | ON | 2005/03/16 23:38 |
| S15 | 146 | semiconductor with (photonic\$6 with crystal\$6) and "2004" | US-PGPUB; USPAT | OR | ON | 2005/03/16 23:39 |
| S16 | 140 | semiconductor with (photonic\$6 with crystal\$6) with material | US-PGPUB; USPAT | OR | ON | 2005/03/16 23:39 |
| S17 | 1 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT) with ("electro-optic"\$6 or electrooptic\$6) | US-PGPUB; USPAT | OR | ON | 2005/03/16 23:47 |
| S18 | 1 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT) same ("electro-optic"\$6 or electrooptic\$6) | US-PGPUB; USPAT | OR | ON | 2005/03/17 00:05 |
| S19 | 18 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT) same (dop\$6) | US-PGPUB; USPAT | OR | ON | 2005/03/17 00:08 |
| S20 | 1270 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT) | US-PGPUB; USPAT | OR | ON | 2005/03/17 00:08 |
| S21 | 1155 | ((electromagnetic\$6 or "electro-magnetic"\$6) near5 induc\$6 near5 transparen\$6) or EIT) | US-PGPUB; USPAT | OR | ON | 2005/03/17 00:08 |
| S22 | 80 | ((electromagnetic\$6 or "electro-magnetic"\$6) near5 induc\$6 near5 transparen\$6)) | US-PGPUB; USPAT | OR | ON | 2005/03/17 00:10 |

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|-----|-----|---|---|----|----|------------------|
| S23 | 18 | S22 and photonic\$6 | US-PGPUB; USPAT | OR | ON | 2005/03/17 00:10 |
| S24 | 18 | S22 and photonic\$6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/17 00:10 |
| S25 | 123 | ((electromagnetic\$6 or "electro-magnetic"\$6) near5 induc\$6 near5 transparen\$6)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/17 00:14 |
| S26 | 22 | S25 and photonic\$6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/17 00:11 |
| S27 | 15 | S26 not S19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/17 00:11 |
| S28 | 4 | ((electromagnetic\$6 or "electro-magnetic"\$6) near5 induc\$6 near5 transparen\$6)) and (photonic\$6 near3 crystal\$6) and defect\$6 and dop\$6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/17 00:26 |
| S29 | 4 | ((electromagnetic\$6 or "electro-magnetic"\$6) near5 induc\$6 near5 transparen\$6)) and (photonic\$6 near3 crystal\$6) and (defect\$6 same (\$6cavity \$6cavities)) and dop\$6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/03/17 00:27 |
| S30 | 1 | S7 and S11 | US-PGPUB; USPAT | OR | ON | 2005/03/17 00:32 |
| S31 | 64 | microcavit\$6 same ("quantum well" QW or MQW) | US-PGPUB; USPAT | OR | ON | 2005/03/17 00:38 |
| S32 | 1 | S31 and S11 | US-PGPUB; USPAT | OR | ON | 2005/03/17 00:38 |
| S33 | 474 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT) and (\$6linear or \$6linearities or \$6linearity) | US-PGPUB; USPAT | OR | ON | 2005/03/17 00:43 |
| S34 | 1 | S31 and S33 | US-PGPUB; USPAT | OR | ON | 2005/03/17 00:38 |

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| S35 | 13 | ((electromagnetic\$ or "electro-magnetic"\$) with induc\$ with transparen\$) or EIT) same photonic\$ and (\$linear or \$linearities or \$linearity) | US-PGPUB; USPAT | OR | ON | 2005/03/17 10:27 |
| S36 | 9 | ((electromagnetic\$ or "electro-magnetic"\$) with induc\$ with transparen\$) or EIT) same photonic\$ and (\$linear or \$linearities or \$linearity) and dop\$ | US-PGPUB; USPAT | OR | ON | 2005/03/17 10:28 |
| S37 | 13 | ((electromagnetic\$ or "electro-magnetic"\$) with induc\$ with transparen\$) or EIT) same photonic\$ and (\$linear or \$linearities or \$linearity) | US-PGPUB; USPAT | OR | ON | 2005/03/17 11:37 |
| S38 | 4 | S37 not S36 | US-PGPUB; USPAT | OR | ON | 2005/03/17 10:28 |
| S39 | 1 | ((electromagnetic\$ or "electro-magnetic"\$) with induc\$ with transparen\$) or EIT) and dop\$ same (scanning with tunnel\$ with \$scope) | US-PGPUB; USPAT | OR | ON | 2005/03/17 15:14 |
| S40 | 1 | ((electromagnetic\$ or "electro-magnetic"\$) with induc\$ with transparen\$) or EIT) and dop\$ and (scanning with tunnel\$ with \$scope) | US-PGPUB; USPAT | OR | ON | 2005/03/17 15:15 |
| S41 | 649 | dop\$ and (scanning with tunnel\$ with \$scope) | US-PGPUB; USPAT | OR | ON | 2005/03/17 15:26 |
| S42 | 61 | dop\$ same (scanning with tunnel\$ with \$scope) | US-PGPUB; USPAT | OR | ON | 2005/03/17 15:15 |
| S43 | 9 | dop\$ and (scanning with tunnel\$ with \$scope) and photonic\$ with crystal\$ | US-PGPUB; USPAT | OR | ON | 2005/03/17 16:27 |
| S44 | 17215 | dop\$ with (\$crystal or nanocrystal\$ "nano-crystal"\$) | US-PGPUB; USPAT | OR | ON | 2005/03/17 15:25 |
| S46 | 23 | dop\$ with (nanocrystal\$ "nano-crystal"\$) same atom | US-PGPUB; USPAT | OR | ON | 2005/03/17 15:26 |
| S47 | 0 | dop\$ with (nanocrystal\$ "nano-crystal"\$) same atom and (scanning with tunnel\$ with \$scope) | US-PGPUB; USPAT | OR | ON | 2005/03/17 15:27 |
| S48 | 0 | dop\$ same (nanocrystal\$ "nano-crystal"\$) same atom and (scanning with tunnel\$ with \$scope) | US-PGPUB; USPAT | OR | ON | 2005/03/17 15:27 |

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| S49 | 12 | dop\$6 and (nanocrystal\$6 "nano-crystal"\$6) same atom and (scanning with tunnel\$6 with \$6scope) | US-PGPUB; USPAT | OR | ON | 2005/03/17 15:28 |
| S50 | 16 | dop\$6 and (nanocrystal\$6 "nano-crystal"\$6) same atom and (scanning with tunnel\$6 with (\$6scope or \$6scopy)) | US-PGPUB; USPAT | OR | ON | 2005/03/17 15:41 |
| S51 | 8 | dop\$6 and (nanocrystal\$6 "nano-crystal"\$6) same atom and (scanning with tunnel\$6 with (\$6scope or \$6scopy)) and (nanocrystal\$6 "nano-crystal"\$6) same grow\$6 | US-PGPUB; USPAT | OR | ON | 2005/03/17 15:42 |
| S52 | 560 | dop\$6 same (nanocrystal\$6 "nano-crystal"\$6) | US-PGPUB; USPAT | OR | ON | 2005/03/17 15:54 |
| S53 | 72 | dop\$6 same (nanocrystal\$6 "nano-crystal"\$6) and (ion same atom) | US-PGPUB; USPAT | OR | ON | 2005/03/17 15:55 |
| S54 | 52 | dop\$6 same (nanocrystal\$6 "nano-crystal"\$6) and (ion with atom) | US-PGPUB; USPAT | OR | ON | 2005/03/17 15:55 |
| S55 | 0 | "one and only one".clm. | US-PGPUB; USPAT | OR | ON | 2005/03/17 16:05 |
| S56 | 3 | "one and only one" | US-PGPUB; USPAT | OR | ON | 2005/03/17 16:05 |
| S57 | 18 | dop\$6 with (scanning with tunnel\$6 with \$6scope) | US-PGPUB; USPAT | OR | ON | 2005/03/17 16:31 |
| S58 | 37 | dop\$6 with sing\$6 adj1 atom! | US-PGPUB; USPAT | OR | ON | 2005/03/31 11:07 |
| S59 | 12 | ion adj1 beam with sing\$6 adj1 atom! | US-PGPUB; USPAT | OR | ON | 2005/03/17 16:39 |
| S60 | 419 | dop\$6 with (nanocrystal\$6 "nano-crystal"\$6) | US-PGPUB; USPAT | OR | ON | 2005/03/31 10:20 |
| S61 | 300 | dop\$6 with (nanocrystal\$6 "nano-crystal"\$6) and (film\$6 laminat\$6) | US-PGPUB; USPAT | OR | ON | 2005/03/31 10:25 |
| S62 | 189 | dop\$6 with (nanocrystal\$6 "nano-crystal"\$6) and (film\$6 laminat\$6) and ((method or process) adj2 (making fabricating forming manufacturing)) | US-PGPUB; USPAT | OR | ON | 2005/03/31 10:25 |
| S63 | 23 | 252/301\$6.ccls. and "385"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/03/31 10:56 |
| S64 | 7 | thermal with neutron with irradiation and ((scan\$6 tunnel\$6) with \$6scope) | US-PGPUB; USPAT | OR | ON | 2005/03/31 10:57 |

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|-----|----|--|-----------------|----|----|------------------|
| S65 | 10 | therm\$6 with neutron with irradiat\$6 and ((scan\$6 tunnel\$6) with \$6scope) | US-PGPUB; USPAT | OR | ON | 2005/03/31 10:58 |
| S66 | 1 | dop\$6 with sing\$6 adj1 atom! and (((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT) | US-PGPUB; USPAT | OR | ON | 2005/03/31 11:05 |
| S67 | 1 | dop\$6 with sing\$6 adj1 atom! and (photon\$6 with (\$6crystal crystal\$6)) | US-PGPUB; USPAT | OR | ON | 2005/03/31 11:08 |
| S68 | 7 | dop\$6 with sing\$6 adj1 atom! and (quantum with well) | US-PGPUB; USPAT | OR | ON | 2005/03/31 11:08 |
| S69 | 14 | (((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT) same photonic\$6 and (\$6linear or \$6linearities or \$6linearity) | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:16 |
| S70 | 8 | (electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6 with (nonlinear\$6 "non-linear"\$6) | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:53 |
| S71 | 7 | (electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6 with (nonlinear\$6 "non-linear"\$6) and (crystal\$6 microcrystal\$6 "micro-crystal"\$6) | US-PGPUB; USPAT | OR | ON | 2005/07/14 15:55 |
| S72 | 7 | (electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6 with (nonlinear\$6 "non-linear"\$6) and (crystal\$6 microcrystal\$6 "micro-crystal"\$6) and (\$6cavities \$6cavity) | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:25 |
| S73 | 7 | (electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6 with (nonlinear\$6 "non-linear"\$6) and (crystal\$6 microcrystal\$6 "micro-crystal"\$6) and (\$6cavities \$6cavity (point with defect\$6)) | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:56 |
| S74 | 7 | (electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6 with (nonlinear\$6 "non-linear"\$6) and (crystal\$6 microcrystal\$6 "micro-crystal"\$6) and (\$6cavities \$6cavity (point\$6 with defect\$6)) | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:26 |

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| S75 | 2 | (electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6 with (nonlinear\$6 "non-linear"\$6) and (crystal\$6 microcrystal\$6 "micro-crystal"\$6) and ((point\$6 with defect\$6)) | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:50 |
| S76 | 1 | "20030016671" | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:51 |
| S77 | 7 | (electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6 with (nonlinear\$6 "non-linear"\$6) and (crystal\$6 microcrystal\$6 "micro-crystal"\$6) and (\$6cavities \$6cavity (defect\$6 irregular\$6)) | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:57 |
| S78 | 0 | S77 not S74 | US-PGPUB; USPAT | OR | ON | 2005/07/14 16:57 |
| S79 | 14 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT) same photonic\$6 and (\$6linear or \$6linearities or \$6linearity) | US-PGPUB; USPAT | OR | ON | 2005/07/20 14:57 |
| S80 | 0 | (MQW or (quantum with well)) same (photon\$6 with bangap\$6) same (microcrystal\$6 crystal\$6) | US-PGPUB; USPAT | OR | ON | 2005/07/20 11:57 |
| S81 | 2612 | (MQW or (quantum with well)) same (microcrystal\$6 crystal\$6) | US-PGPUB; USPAT | OR | ON | 2005/07/20 12:59 |
| S82 | 0 | (photon\$6 with bangap\$6) same (microcrystal\$6 crystal\$6) | US-PGPUB; USPAT | OR | ON | 2005/07/20 11:57 |
| S83 | 14 | (electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6 with crystal\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/20 12:18 |
| S84 | 356 | (photonic\$6 adj1 crystal) same (photonic\$6 adj1 bandgap) | US-PGPUB; USPAT | OR | ON | 2005/07/20 12:19 |
| S85 | 278 | (photonic\$6 adj1 crystal) with (photonic\$6 adj1 bandgap) | US-PGPUB; USPAT | OR | ON | 2005/07/20 12:19 |
| S86 | 155 | (photonic\$6 adj1 crystal) with (photonic\$6 adj1 bandgap) and "385"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/07/20 12:24 |
| S87 | 23 | (photonic\$6 adj1 crystal) with (photonic\$6 adj1 bandgap) same hole and "385"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/07/20 12:26 |
| S88 | 23 | (photonic\$6 adj1 crystal) with (photonic\$6 adj1 bandgap) same (hole dot) and "385"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2005/07/20 12:26 |

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| S89 | 0 | "20040126057" and (quantum with well) with dop\$6 with defect\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/20 13:01 |
| S90 | 0 | "20040126057" and (mqw) with dop\$6 with defect\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/20 13:01 |
| S91 | 0 | "20040126057" and (mqw) with dop\$6 same defect\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/20 13:01 |
| S92 | 0 | "20040126057" and (mqw) with dop\$6 and defect\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/20 13:01 |
| S93 | 0 | "20040126057" with dop\$6 same defect\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/20 13:02 |
| S94 | 1 | "20040126057" | US-PGPUB; USPAT | OR | ON | 2005/07/20 13:02 |
| S95 | 1 | "20040126057" and dop\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/20 13:02 |
| S96 | 1 | "20040126057" and dop\$6 and defect\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/20 13:02 |
| S97 | 0 | "20040126057" and dop\$6 same defect\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/20 13:03 |
| S98 | 0 | "20040126057" and dop\$6 same trap\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/20 13:03 |
| S99 | 0 | "20040126057" and dop\$6 same transparency\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/20 14:29 |
| S100 | 0 | "20040126057" and dop\$6 same (\$6linear \$6linearities) | US-PGPUB; USPAT | OR | ON | 2005/07/20 14:31 |
| S101 | 47 | S84 and dop\$6 same (\$6linear \$6linearities) | US-PGPUB; USPAT | OR | ON | 2005/07/20 14:36 |
| S102 | 47 | S84 and dop\$6 same (\$6linear \$6linearities NLO "non-linear-optical") | US-PGPUB; USPAT | OR | ON | 2005/07/20 14:49 |
| S103 | 152 | liquid adj1 crystal near2 nonlinear | US-PGPUB; USPAT | OR | ON | 2005/07/20 14:49 |
| S104 | 3 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT) same (\$6linear \$6linearities NLO "non-linear-optical") same dop\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/20 15:07 |
| S105 | 3 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) same (\$6linear \$6linearities NLO "non-linear-optical") same dop\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/20 15:09 |

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| S10 6 | 20 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) same dop\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/20 15:14 |
| S10 7 | 9 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) with dop\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/20 15:15 |
| S10 8 | 10 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) same dop\$6 and (\$6linear \$6linearities NLO "non-linear-optical") | US-PGPUB; USPAT | OR | ON | 2005/07/20 15:54 |
| S10 9 | 9 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) with dop\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/20 18:59 |
| S11 0 | 7 | S109 and (\$6linear \$6linearities NLO "non-linear-optical") | US-PGPUB; USPAT | OR | ON | 2005/07/20 15:29 |
| S11 1 | 9 | photonic\$6 with crystal\$6 with defect\$6 with dop\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/20 15:30 |
| S11 2 | 0 | S106 and S111 | US-PGPUB; USPAT | OR | ON | 2005/07/20 15:30 |
| S11 3 | 28 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) with (\$6linear \$6linearities NLO "non-linear-optical") | US-PGPUB; USPAT | OR | ON | 2005/07/20 16:22 |
| S11 4 | 9 | ("6097532").URPN. | USPAT | OR | OFF | 2005/07/20 16:11 |
| S11 5 | 1 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) same (defect\$6 with dop\$6) | US-PGPUB; USPAT | OR | ON | 2005/07/20 16:24 |
| S11 6 | 3 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) and (defect\$6 with dop\$6) | US-PGPUB; USPAT | OR | ON | 2005/07/20 16:24 |
| S11 7 | 0 | ("6768827").URPN. | USPAT | OR | OFF | 2005/07/20 16:47 |

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| S11 8 | 15 | ("20020015551" "20020071152" "5600742" "5617234" "5764821" "5802232" "5825517" "5881079" "5937117" "6278813" "6288808" "6493117" "6522803" "6542655" "6549313").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/20 16:49 |
| S11 9 | 6 | ("20020015551" "20020071152" "5600742" "5617234" "5764821" "5802232" "5825517" "5881079" "5937117" "6278813" "6288808" "6493117" "6522803" "6542655" "6549313").PN. and dop\$6 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/07/20 16:49 |
| S12 0 | 1 | "20040175087" and (one with atom) | US-PGPUB; USPAT | OR | ON | 2005/07/20 18:52 |
| S12 1 | 1 | "20040175087" and ((one singl\$6) with atom) | US-PGPUB; USPAT | OR | ON | 2005/07/20 18:52 |
| S12 2 | 312 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) and ((one singl\$6) with atom) | US-PGPUB; USPAT | OR | ON | 2005/07/20 22:27 |
| S12 3 | 68 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) and ((one! single!) near1 atom) | US-PGPUB; USPAT | OR | ON | 2005/07/20 19:02 |
| S12 4 | 5 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) same ((one! single!) near1 atom) | US-PGPUB; USPAT | OR | ON | 2005/07/20 19:37 |
| S12 5 | 1 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) same ((one! single!) near1 atom!) | US-PGPUB; USPAT | OR | ON | 2005/07/20 19:02 |
| S12 6 | 1 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) same ((one! single! sole!) near1 atom!) | US-PGPUB; USPAT | OR | ON | 2005/07/20 19:03 |
| S12 7 | 1 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) same ((one! single! sole! solitary!) near1 atom!) | US-PGPUB; USPAT | OR | ON | 2005/07/20 19:03 |

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|----------|------|---|-----------------|----|-----|------------------|
| S12 8 | 29 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) and ((one! single! sole! solitary!) near1 atom!) | US-PGPUB; USPAT | OR | ON | 2005/11/11 16:29 |
| S12 9 | 11 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) and ((one! single! sole! solitary!) near1 atom!) and optic\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/20 19:05 |
| S13 0 | 3 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) and ((quantum adj1 dot!) same atom!) | US-PGPUB; USPAT | OR | ON | 2005/07/20 19:38 |
| S13 1 | 5 | ("5754511").URPN. | USPAT | OR | OFF | 2005/07/20 20:38 |
| S13 2 | 0 | kurizki.in. | US-PGPUB; USPAT | OR | ON | 2005/07/20 20:39 |
| S13 3 | 2 | opatny.in. | US-PGPUB; USPAT | OR | ON | 2005/07/20 20:39 |
| S13 4 | 0 | opatny.in. and tranparency | US-PGPUB; USPAT | OR | ON | 2005/07/20 21:20 |
| S13 5 | 38 | microcavity with quantum adj1 well | US-PGPUB; USPAT | OR | ON | 2005/07/20 21:21 |
| S13 6 | 68 | atom! with quantum adj1 well | US-PGPUB; USPAT | OR | ON | 2005/07/20 21:22 |
| S13 7 | 7 | atom! near2 quantum adj1 well | US-PGPUB; USPAT | OR | ON | 2005/07/20 21:38 |
| S13 8 | 312 | defect near2 dopant | US-PGPUB; USPAT | OR | ON | 2005/07/20 22:00 |
| S13 9 | 0 | defect near2 dopant and ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) | US-PGPUB; USPAT | OR | ON | 2005/07/20 21:39 |
| S14 0 | 1361 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) | US-PGPUB; USPAT | OR | ON | 2005/07/20 21:40 |
| S14 1 | 0 | S138 and S140 | US-PGPUB; USPAT | OR | ON | 2005/07/20 21:40 |
| S14 2 | 0 | S135 and S138 | US-PGPUB; USPAT | OR | ON | 2005/07/20 21:40 |

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| S14 3 | 7129 | ((electromagnetic\$6 or "electro-magnetic"\$6) or EIT) with (\$6linear or \$6linearities or \$6linearity) | US-PGPUB; USPAT | OR | ON | 2005/07/20 22:25 |
| S14 4 | 4 | S138 and S143 | US-PGPUB; USPAT | OR | ON | 2005/07/20 21:42 |
| S14 5 | 269 | defect near2 doping | US-PGPUB; USPAT | OR | ON | 2005/07/20 22:00 |
| S14 6 | 1 | "20040126057" and (substrate same router) | US-PGPUB; USPAT | OR | ON | 2005/07/20 22:14 |
| S14 7 | 47 | InP with (photonic\$6 adj1 crystal\$6) | US-PGPUB; USPAT | OR | ON | 2005/07/21 10:00 |
| S14 8 | 744 | ((electromagnetic\$6 or "electro-magnetic"\$6) or EIT) with (\$6linear or \$6linearities or \$6linearity) with nonlinear\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/20 22:26 |
| S14 9 | 18 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) with nonlinear\$6 | US-PGPUB; USPAT | OR | ON | 2005/07/21 09:34 |
| S15 0 | 1 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) and "20040126057" | US-PGPUB; USPAT | OR | ON | 2005/07/21 09:34 |
| S15 1 | 1 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) and "20040126057" and (quantum MQW) | US-PGPUB; USPAT | OR | ON | 2005/07/21 10:11 |
| S15 2 | 29 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) with (quantum MQW) | US-PGPUB; USPAT | OR | ON | 2005/07/21 09:38 |
| S15 3 | 727 | InGaAs with crystal | US-PGPUB; USPAT | OR | ON | 2005/07/21 10:01 |
| S15 4 | 170 | InGaAs near2 crystal | US-PGPUB; USPAT | OR | ON | 2005/07/21 10:01 |
| S15 5 | 112 | microcavity with (quantum MQW) | US-PGPUB; USPAT | OR | ON | 2005/07/21 10:11 |
| S15 6 | 21 | microcavity near2 (quantum MQW) | US-PGPUB; USPAT | OR | ON | 2005/07/21 10:11 |

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| S15 7 | 32 | ((electromagnetic\$6 or "electro-magnetic"\$6) with induc\$6 with transparen\$6) or EIT or (dark near1 resonan\$6)) with (quantum MQW) | US-PGPUB; USPAT | OR | ON | 2005/10/28 10:42 |
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